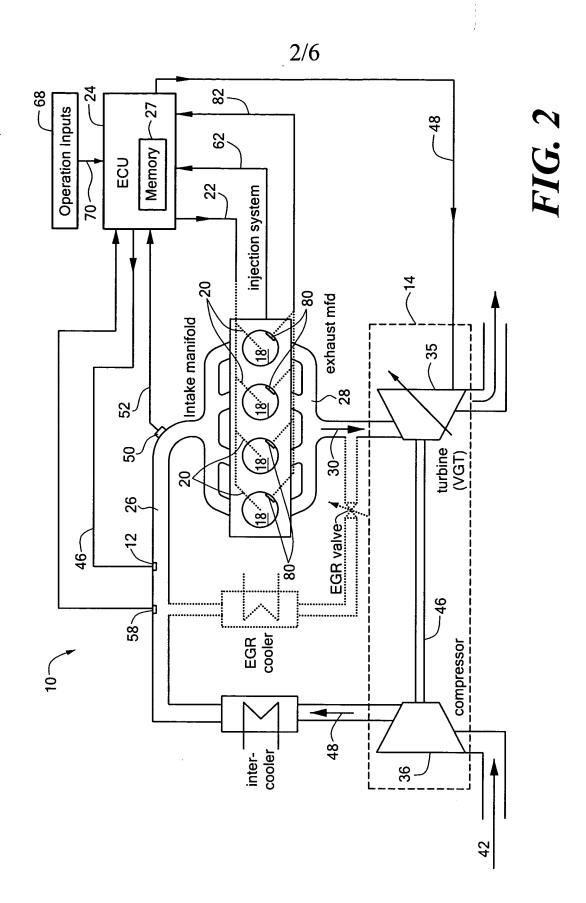"Method and System for Assessing Combustion Noise
in an Internal Combustion Engine"
Applicants: Scholl et al.
Docket No. 81091389

FIG. 1   PRIOR ART

"Method and System for Ass ssing Combustion Noise
in an Internal Combustion Engine"
Applicants: Scholl et al.
Docket No. 81091389

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FIG. 2

"Method and System for Assessing Combustion Noise
in an Internal Combustion Engine"
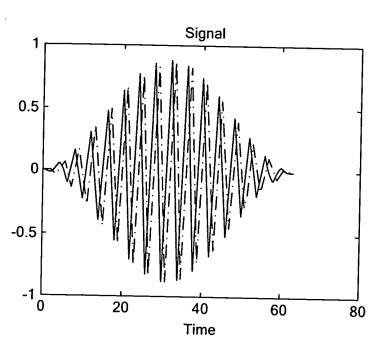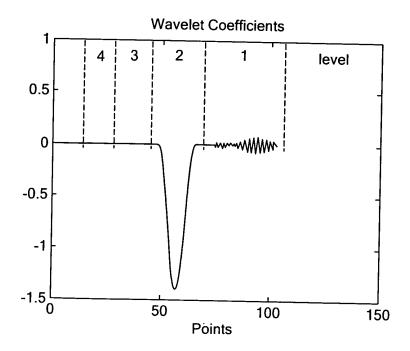Applicants: Scholl et al.
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FIG. 3A

FIG. 3B

"Method and System for Assessing Combustion Noise
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Wavelet Coefficients

FIG. 3C

Wavelet Coefficients

FIG 3D

"Method and System for Assessing Combustion Noise
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FIG. 4

"Method and System for Assessing Combustion Noise
in an Internal Combustion Engine"
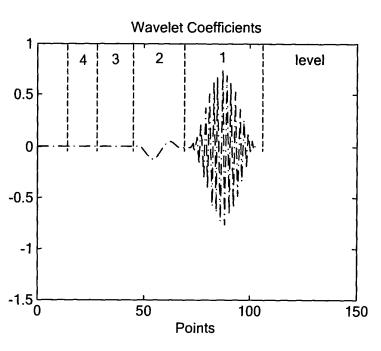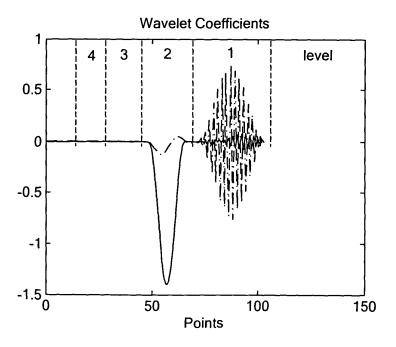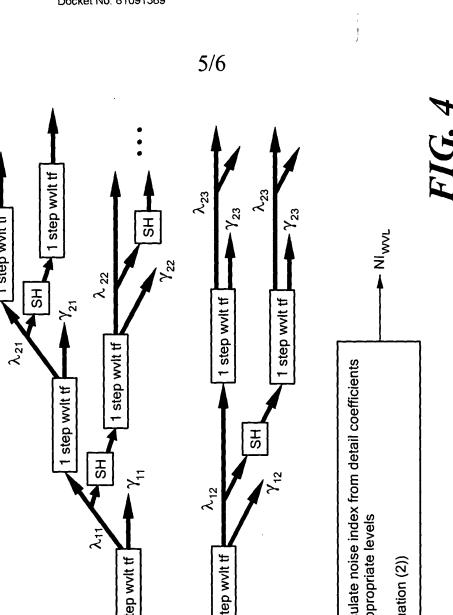Applicants: Scholl et al.
Docket No. 81091389

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Calibration Tool

ECU

Calibrator changing
injection parameters
and other engine
parameters to
improve engine noise

injection system

pressure sensors

noise index calculation

Display

Intake manifold

exhaust mfd

EGR valve

turbine
(VGT)

EGR
cooler

inter-
cooler

compressor

FIG. 5